

## ABSTRACT OF THE DISCLOSURE

An engine control system for maintaining the operator-commanded speed setting of an internal combustion engine over a range of engine loads and for easy starting and improved efficiency over a range of ambient and engine operating temperatures. The engine control system includes a governor assembly driven by the engine, the governor assembly supplying an output to a sensor assembly through a mechanical coupling member operator. The sensor assembly provides an engine speed control signal which corresponds to operator commanded engine speed and actual engine speed. The engine speed control signal is provided to a throttle actuator and/or a fuel control device in a manner in which the actual engine speed is controlled to correspond with the operator-commanded engine speed regardless of loads imposed on the engine. The fuel control device may include, for example, a fuel pump driven by a variable speed electric motor or a solenoid controlled variable fuel pressure regulator. The engine control mechanism also may include an intake temperature sensor and an exhaust gas temperature sensor or intake mass airflow sensor.